

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents](#)

Terms: [patno=5759080](#) ([Edit Search](#))

479000 (08) 5759080 June 2, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5759080

♦ [GET 1st DRAWING SHEET OF 27](#)
[Access PDF of Official Patent *](#)

[Check for Patent Family Report PDF availability *](#)

* Note: A transactional charge will be incurred for downloading an Official Patent or Patent Family Report. Your acceptance of this charge occurs in a later step in your session. The transactional charge for downloading is outside of customer subscriptions; it is not included in any flat rate packages.

[Link to Claims Section](#)

June 2, 1998

Display device with electron-emitting device with electron- emitting region insulated from electrodes

REISSUE: Reissue Application filed Jun. 2, 2000 (O.G. Oct. 3, 2000) Ex. Gp.: 1722; Re. S.N. 09/587,249, (O.G. October 3, 2000)

INVENTOR: Yoshioka, Seishiro, Hiratsuka, JP; Nomura, Ichiro, Yamato, JP; Suzuki, Hidetoshi, Atsugi, JP; Takeda, Toshihiko, Tokyo, JP; Kaneko, Tetsuya, Yokohama, JP; Banno, Yoshikazu, Atsugi, JP; Yokono, Kojiro, Yokohama, JP

CERT-CORRECTION: February 8, 2000 - a Certificate of Correction was issued for this patent (O.G. February 8, 2000)

APPL-NO: 479000 (08)

FILED-DATE: June 7, 1995

GRANTED-DATE: June 2, 1998

PRIORITY: July 15, 1987 - 62-174837, Japan (JP); October 2, 1987 - 62-250448, Japan (JP); October 9, 1987 - 62-255063, Japan (JP); October 9, 1987 - 62-255068, Japan (JP); April 27, 1988 - 63-102485, Japan (JP); April 27, 1988 - 63-102486, Japan (JP); April 27, 1988 - 63-102487, Japan (JP); April 27, 1988 - 63-102488, Japan (JP); June 21, 1988 - 63-154516, Japan (JP)

ASSIGNEE-AT-ISSUE: Canon Kabushiki Kaisha, Tokyo, JP

LEGAL-REP: Fitzpatrick, Cella, Harper & Scinto

PUB-TYPE: June 2, 1998 - Utility Patent having no previously published pre-grant publication (A)

PUB-COUNTRY: United States (US)

REL-DATA:

Addition of Ser. No. 5066883, November 19, 1991
Addition of Ser. No. 396066, February 28, 1995


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Practice Area Pages](#) | [ECLIPSE](#) | [History](#) | [Help](#)
[Sources](#) | [Guided Search Forms](#) | [Command Searching](#)

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)

Enter Search Terms

Terms and Connectors Natural Language

patno=5759080

[Suggest Terms for My Search](#) [Search](#)

Search Connectors

Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

[View Search Command](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment [Add](#)

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)

[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Practice Area Pages](#) | [ECLIPSE](#) | [History](#) | [Help](#)
[Sources](#) | [Guided Search Forms](#) | [Command Searching](#)

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Legal News](#) > **Patent, Trademark & Copyright Periodicals, Combined**

*Enter Search Terms

Terms and Connectors Natural Language

5759080 or 5,759,080

[Suggest Terms for My Search](#) [Search](#)

*Search Connectors

Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

Syntax Definition

and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not

[View Search Command](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment [Add](#)

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)

[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search (**5759080 or 5,759,080**).
Click the "Edit Search" button below to try again. You may want to
try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and
Concepts" are displayed on the search form when you click
on Edit Search.

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright](#) © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [? Help](#)
[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Practice Area Pages](#) | [ECLIPSE](#) | [History](#) | [PDF](#)
[Sources](#) | [Guided Search Forms](#) | [Command Searching](#) |

[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Multi-Source Groups](#) > **Patent Cases from Federal Courts and Administrative Materials**

Enter Search Terms

Terms and Connectors Natural Language

5759080 or 5,759,080

[Suggest Terms for My Search](#) [Search](#)

Search Connectors

Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

[View Search Command](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)

[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search (**5759080 or 5,759,080**).
Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright](#) © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.


[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)
[Practice Area Pages](#) | [ECLIPSE](#) | [History](#) | [Help](#)
[Sources](#) | [Guided Search Forms](#) | [Command Searching](#)
[News & Business](#) > [News](#) > [News, All \(English, Full Text\)](#)

Enter Search Terms

 Terms and Connectors Natural Language

5759080 or 5,759,080

[Suggest Terms for My Search](#) [Search](#)

Search Connectors

Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

[View Search Command](#)

Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment [Add](#)

Restrict by Date:

No Date Restrictions From To [Date Formats...](#)

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

No Documents Found!

No documents were found for your search (**5759080 or 5,759,080**).
Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright](#) © 2005 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.